

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1a illustrates a preferred embodiment of the main workflow of correcting images based on finding faces in the images.

Figure 1b illustrates a generic workflow of utilizing face information in an image to adjust image acquisition parameters in accordance with a preferred embodiment.

Figure 1c illustrates a generic workflow of utilizing face information in a single or a plurality of images to adjust the image rendering parameters prior to outputting the image in accordance with a preferred embodiment.

Figures 2a-2e illustrate image orientation based on orientation of faces in accordance with one or more preferred embodiments.

Figures 3a-3d illustrate an automatic composition and cropping of an image based on the location of the face in accordance with one or more preferred embodiments.

Figures 4a-4g illustrate digital fill-flash in accordance with one or more preferred embodiments.

Figure 4h describes an illustrative system in accordance with a preferred embodiment to determine in the camera as part of the acquisition process, whether fill flash is needed, and if so, activate such flash when acquiring the image based on the exposure on the face

Figure 5 illustrates the use of face-detection for generating dynamic slide shows, by applying automated and suggested zooming and panning functionality where the decision as to the center of the zoom is based on the detection of faces in the image.

Figure 6 describes an illustrative simulation of a viewfinder in a video camera or a digital camera with video capability, with an automatic zooming and tracking of a face as part of the live acquisition in a video camera, in accordance with a preferred embodiment.

Figure 7a and 7b illustrate an automatic focusing capability in the camera as part of the acquisition process based on the detection of a face in accordance with one or more preferred embodiments.

Figure 8 illustrates an adjustable compression rate based on the location of faces in the image in accordance with a preferred embodiment.